

Water Integration Project Meeting Minutes

February 19, 2003, ID-N

Attendees:

Jan Brown	INEEL	browjm@inel.gov
Alan Jines	DOE-ID	jinesa@id.doe.gov
Marilynne Manguba	INEEL	mangma@inel.gov
Erick Neher	INEEL	neheer@inel.gov
Jeff Perry	DOE-ID	perryjn@id.doe.gov
Doug Vandel	INEEL	dsv@inel.gov
Paul Wichlacz	INEEL	plw@inel.gov
Al Yonk	INEEL	yonkak@inel.gov

Via Conference Call

Amy Powell	ANL-W	amy.powell@anlw.anl.gov
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Safety Share

Jeff shared an item about surge protectors. The message - make sure your surge protectors are current and have valid UL approval.

Other Business

Paul provided copies of the Environmental Systems Research Analysis (ESRA) FY2002 report, which includes a section reporting on the Water Integration Project. He also passed out a draft of the Conceptual Model of Contaminant Flow and Transport for the INEEL Fact Sheet for review and comment.

Jan passed out the proposed roster for the Aquifer Academy Core Planning Team for comment. Deborah Hill should also be on the list and three local teachers have been suggested to fill that slot.

The Idaho Water Resources Board has requested a tour in mid-August. They will invite the Committee of Nine, who represent irrigators around the Upper Snake River, to attend.

The Teton Conservation District (Jackson, WY) has offered to co-sponsor the workshop to be held in Eastern Idaho.

Development of the May Public Involvement Meetings

The group discussed the structure and theme of the workshops. The following goals, agenda, and proposed speakers were discussed and agreed on by the group. [Al provided a table of the Top Fifteen Prioritized Needs including a detailed description of the need. The table groups the R&D Need into five categories \(Characterization, Monitoring Methods, Source Term, Actinide Geochemistry, and Kd Values\) and matches the need to the associated uncertainties supported.](#)

Goal: Public input on proposed research agenda

Subgoal: seeking collaboration and support - opportunities to contribute

AGENDA

9:00 Introduction - problem - waste plumes (15 minutes)

9:15-10 WHY science?

The story of what we're studying and why

How it will be used

(understanding why)

Reliability of Prediction of Risk and how it fits into regulatory requirements - need someone who can talk risk, visualization - must educate not advocate.

10:15 Conceptual Model

10:15 Geologic Framework (Joe Rousseau)
 10:45 Source Term (Bruce Becker)
 11:15 Vadose Zone (Tom Wood)
 11:45 Aquifer (Brennon Orr)

12:15 - 1:30 Lunch

3 or 4 Roundtable/Small Groups - combine two

Speakers to host tables with someone else to assist

Talk about proposed research TBD (10 minutes for each need), informal discussion

Feedback forms to rate research, ask why they rated research as they did.

Ask who is providing feedback - industry, agriculture, researcher - to cover possible conflict of interest bias

Ask about their needs

Workbook will include the following

Background information
 Summary of ongoing research (INRA, LDRD, ESRA, EMSP)
 Proposed research
 Color code to match groupings

If was also agreed that workshops would be held in: Idaho Falls, Twin Falls, Boise and Coeur d'Alene.

Water Integration Project Action Tracking Log

Date	Action Lead	Action Description	Due Date	Action Status	Notes
12/04/02	Al Yonk	Completion of Draft INEEL Groundwater/Vadose Zone Monitoring Report	4/30/03	In Progress	Annotated Outline Complete
12/11/02	Al Yonk Marianne Little	Project Execution Plan	3/15/03	In Progress	1 st Draft requested by 3/15/03
1/15/03	Al Yonk	Detailed Definition of R&D Science Strategy Needs	2/28/03	In Progress	
1/29/03	Paul Wichlacz	Conceptual Model Overall Guidance Group Meeting	2/20/03	Upcoming	Check USGS presentation time on 2/20 for conflict
1/29/03	Jeff Perry	Approval of Aquifer Academy White Paper	2/5/03	In Progress	
1/29/03	Jan Brown	Tour Guide Revision	4/18/03	In Progress	
2/11/03	Paul Wichlacz	Schedule External Expert Visit	2/28/03		

Stakeholder Presentations and Upcoming Events

Date	Milestone/Event	Lead
3/5/03	Hydrogeology Field Tours - 2003 Plans Discussion	Jan Brown
3/18/03	Aquifer Academy Planning Team Meeting	Jan Brown
3/18 or 19/03	Science Strategy presentation at INEEL CAB	Jeff Perry/Al Yonk
4/2/03	Mid-Year Progress Report and Discussion	Jeff Perry
5/7/03	Progress Report on Aquifer Academy Planning	Jan Brown
May 2003	Science Strategy Workshops	Jan Brown/Doug Jorgensen
6/17/03	ID DEQ Field Tour	Jan Brown
7/14/03	INEEL CAB Field Tour	Jan Brown
August	Idaho Water Resources Board Tour	Jan Brown

Adjourned at 2:05 p.m. The next meeting will be February 26th.